U. S. Department of Agriculture
Bureau of Agricultural Economics
and
U. S. Department of Commerce

Nebr. Dept. of Agr. & Inspection
Division of Agr!l. Statistics
and
Agricultural Extension Service
Of Nebr. College of Agr.

## NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 10-3-50 - 11:00 A.M.

Weather Bureau

Week Ending 10-2-50

The week averaged colder than normal over the western portion of the State, near normal in the central and above normal in the east. A change to much colder weather overspread the State over the week-end, reaching the southeast by Sunday. Precipitation was light over most of the State until the week-end when moderate to heavy rains fell over the central third of the State and heavy to excessive rains over the east. Chadron had one inch of snow on the ground Monday morning. Freezing temperatures occurred from Chadron eastward to Gordon Thursday morning and over the Panhandle Monday morning.

CROPS Corn progressed rapidly toward maturity during the past week, and by October 1 approximately 80% was out of danger from frost. In the remaining 20% the stage of maturity varies greatly and a hard freeze would result in loss of yield and quality. The frost Monday night is believed to have caused localized damage but definite appraisal cannot be determined for a few days.

Winter wheat is getting an excellent start this autumn. Substantial rains fell in the Panhandle in southwestern Nebraska during the second week of September after the bulk of the wheat had been seeded. Heavy rains fell in south central and southeastern counties during the third week and in the eastern third of the state on October 1. This made soil moisture conditions ideal for wheat throughout the state. It will give wheat an excellent start and insure plenty of top growth for wind and winter protection. It will enable the plant to get a good root growth, which is also important for winter survival. Theat is growing rapidly and a lot of winter pasture is in prospect. Prior to the September and October 1 rains, the soil in western Nebraska and parts of eastern Nebraska was dry and very unfavorable.

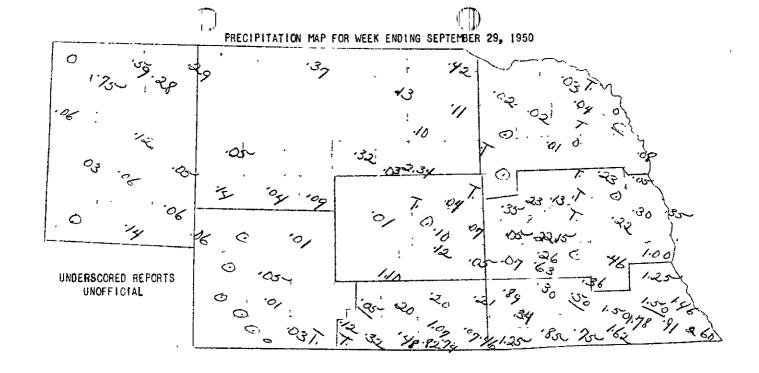
Considerable of the sorghum forage has been harvested but much of the grain sorghum is late and immature. The recent freeze was favorable for potatoes in western Nebraska. The harvest of dry edible beans is nearing completion. Fields were generally good but yields were reduced somewhat by hail. Rains that occurred after the beans had ripened, and prior to harvest, reduced the quality causing some discoloration. Sugar beets are promising. Harvest has started in central Hebraska and is expected to start in western Nebraska by the close of the week.

The condition of pasture is excellent. Some alfalfa will make a fourth cutting. Fall sown alfalfa and grasses are doing well. Reports on alfalfa seed yield vary considerably. Antelope county reports intermediate wheatgrass yielding from 200 to 300 pounds per acre with re-cleaned seed selling for 85% a pound.

LIVESTOCK Several southwestern counties have reported screw worm in cattle. Several counties reported reluctance in buying feeder cattle because of the high price. Any considerable damage to corn from frost may increase the demand for feeder cattle. The outlook for fall wheat pasture is excellent.

Weather Bureau Telegraphic Report of Precipitation for Week Ending October 2, 1950

Eastern Division		Central Divis	ion	Western Division		
Grand Island Lincoln Norfolk Omaha Sioux City	1.11 2.49 1.32 2.90 1.05	Burwell North Platte Valentine	2.37 0.18 0.69	Chadron Hayes Center Scottsbluff Sidney	0.82 .01 .20	



## HIGHEST AND LOWEST TEMPERATURES (FOR 24 HOURS ENDING 6:30 A.M.)

		SEPTEMBER					OCTOBER	
		26TH	27тн	28тн	29тн	30TH	187	2 N D
		MAX MIN	MAX MIN	MAX MIN	MAX MIN	MAX MIN	MAX MIN	MAX MIN
NW	CHADRON	<b>7</b> 9 48	84 47	65 29	72 42	45 39	52 35	41 31
	SCOTTSBLUFF	<b>78</b> 45	81 48	66 40	7  44	54 43	61 37	43 32
•	SIDNEY	74 45	77 53	64 46	68 50	59 44	<del></del> 34	32
N-C	BURWELL	74 48	73 55	70 47	68 53	71 54	82	
	VALENTINE	77 53	77 51	65 40	68 50	56 44		40 33
ΝE	NORFOLK		76 58	70 51	66 56	77 67	85 45	55 42
	SIOUX CITY	78 46	76 56	77 48	65 5 <b>7</b>	76 65	85 51	61 44
CEN.	GRAND ISLAND	76 54	74 57	74 50	63 54	84 66	87 46	59 42
E-C	LINCOLN -	74 55	76 60	72 53	63 57	84 <del>6</del> 8	82 52	72 46
	OMAHA	<b>75</b> 53	74 59	72 52	66 56	81 67	,78 69	71 46
SW	HAYES CENTER	71 49	75 56	72	66 <b>53</b>	78 62	78 40	48 35
	NORTH PLATTE	73 52	73 55	71 49	66 55	75 56	71 40	47 36

(ISSUED BY THE WEATHER BUREAU AND THE STATE AND FEDERAL DEPARTMENTS OF AGRICULTURE)

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